WHAT IS CLAIMED IS:

1   1.   A system, comprising:

2   a first store for storing a first workspace element in a first

3   format;

4   a second store for storing a second workspace element which is

5   an independently-modifiable copy of the first workspace element in

6   a second format;

7   a communications channel coupling the first store to the second

8   store;

9   synchronization means for synchronizing the first workspace

10   element and the second workspace element; and

11   a translator for translating between the first format and the

12   second format.

1   2.   The system of claim 1, wherein the first format is the same as

2   the second format.

1   3.   The system of claim 1 wherein the second format includes

2   HTML.

1   4.   The system of claim 1, wherein the first store is in a LAN.

1   5.   The system of claim 1, further comprising a firewall for

2   protecting the first store.

1   6.   The system of claim 1, further comprising a firewall for

2   protecting the second store.

1   7.   The system of claim 1, wherein the synchronization means

2   includes

3   a first general synchronization module for examining the first

4   workspace element at the first store to determine whether it has

5   been modified; and

6   a second general synchronization module for examining the

7   second workspace element at the second store to determine whether

8   it has been modified.

1   8.   The system of claim 7, wherein

2   the first workspace element and the second workspace element

3   each include version information; and

4   the first and second general synchronization modules each

5   examine the version information of each workspace element to a last

6 synchronization signature to determine whether the workspace

7 element was modified.

1 9. The system of claim 1, wherein the synchronization means

2 includes a synchronization-start module for determining when to

3 initiate synchronization.

1 10. The system of claim 1, wherein the first workspace element

2 includes a first folder and the second workspace element includes a

3 second folder.

1 11. The system of claim 10, further comprising a content-based

2 synchronization module for examining content of the first workspace

3 element and of the second workspace element when the first

4 workspace element and the second workspace element have both

5 been modified since the last synchronization.

1 12. The system of claim 11, wherein the content-based

2 synchronization module determines if any conflicts exist, and if so

3 then the content-based synchronization module reconciles the

4 conflicts.

1   13.   The system of claim 11, wherein the content-based

2   synchronization module determines if any conflicts exist, and if not

3   then the content-based synchronization module integrates the

4   changes made to each workspace element.

1   14.   The system of claim 1, further comprising a third store

2   coupled to the second store for storing a third workspace element in

3   a third format.

1   15.   The system of claim 14, wherein the translator translates

2   between the second format and the third format.

1   16.   The system of claim 8, wherein the version information

2   indicates the status of each workspace element as of the last

3   synchronization.

1   17.   A method, comprising:

2   accessing a first store storing a first workspace element in a

3   first format;

4   accessing a second store storing a second workspace element

5   which is an independently-modifiable copy of the first workspace

6   element in a second format;

7   synchronizing the first workspace element and the second

8   workspace element; and

9   translating between the first format and the second format.

1   18.   The method of claim 17, wherein the first format is the same

2   as the second format.

1   19.   The method of claim 17, wherein the second format includes

2   HTML.

1   20.   The method of claim 17, wherein the first store is in a LAN.

1   21.   The method of claim 17, wherein the first store is protected by

2   a firewall.

1   22.   The method of claim 17, wherein the second store is protected

2   by a firewall.

1   23.   The method of claim 17, further comprising

2   examining the first workspace element to determine whether it

3   has been modified; and

4   examining the second workspace element to determine

5   whether it has been modified.

1   24.   The method of claim 23,

2   wherein the first workspace element and the second workspace

3   element each include version information; and

4   further comprising the step of comparing the version

5   information of each workspace element to a last synchronization

6   signature to determine whether the workspace element was

7   modified.

1   25.   The method of claim 17, further comprising the step of

2   determining when to initiate synchronization.

1   26.   The method of claim 17, wherein the first workspace element

2   includes a first folder and the second workspace element includes a

3   second folder.

1   27.   The method of claim 26, further comprising the step of

2   examining content of the first workspace element and of the second

3   workspace element when the first workspace element and the

4 second workspace element have both been modified since the last

5 synchronization.

1 28. The method of claim 27, further comprising the step of

2 determining if any conflicts exist, and if so then reconciling the

3 conflicts.

1 29. The method of claim 27, further comprising the step of

2 determining if any conflicts exist, and if not then integrating the

3 changes made to each workspace element.

1 30. The method of claim 17, further comprising the step of

2 accessing a third store coupled to the second store storing a third

3 workspace element in a third format.

1 31. The method of claim 30, wherein further comprising the step of

2 translating between the second format and the third format.

1 32. The method of claim 24, wherein the version information

2 indicates the status of each workspace element as of the last

3 synchronization.

1   33. A system, comprising:

2   means for accessing a first store storing a first workspace

3   element in a first format;

4   means for accessing a second store storing a second workspace

5   element which is an independently-modifiable copy of the first

6   workspace element ·in a second format;

7   means for synchronizing the first workspace element and the

8· second workspace element; and·

9   means for translating between the first format and the second

10 format.

1   34. A computer-readable storage medium storing program code for

2   causing a computer to perform the steps of:

3   accessing a first store storing a first workspace element in a

4   first format;

5   accessing a second store storing a second workspace element

6   which is an independently-modifiable copy of the first workspace

7   element in a second format;

8   synchronizing the first workspace element and the second

9   workspace element; and

10   translating between the first format and the second format.

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